

Scatterplots Quiz

-draw a scatterplot with the **independent and dependent variables on the correct axes**;

(remember **TAILS**:

T – title that shows the link between the two variables

A – axes with independent on horizontal x and dependent on vertical y

I – intervals uniformly and evenly spaced

L – labels on axes including units, and variables, and arrows

S – scale starting at 0, that fits all the variables given (and perhaps the ones you will extrapolate) and will fill up the space given with the graph

-identify **independent and dependent variables** and explain how you know

- identify the trend in the data (**positive trend, negative trend, no trend**)

-state if the graph has a **linear pattern, non-linear pattern, or no pattern**

-write a sentence **explaining the relationship** between the data (if there is a relationship). Use words to explain the trend in the data. (like page 10, p. 14)

-identify **discrete and continuous data**

-choose a graph that is the **right shape** for a **given data situation**